EQUATIONS (24/08/20218) L. VALLIAPPAN 1) when five is added to three more when a 3941054 Cartain number, the result is 19. what is 195111355 number. X+3+5=19 x+8=19 2) If five is Subracted from three times a certain number, the result is 10. What is the number. 3x-5=10 32 = 15 3) When is is subtracted from 6 times a certain number, the result is -42. what is the number. 6x-18=-42 6x = -42+18 676=24-24 4) A Cortain number added knice to itself equals 96. what is 2=-4 number. x+2x=96 30 = 96 5.) A number plus itself, plus twice itself, plus 4 times itself, is equal to - 104 what is the number? x + at 2 a + 41 = - 104 8x = -104 (x = -13)6) Sixty more than nine times a number is the same as two less than to times the number. 80+9x= .-2+10x 60+921 = 102-2 B2 = >L 7) Eleven less than seven himes a number is & five more than & times the number. -11+ 7x = 5+6x x=16 -11 - 5 = -x+16= 12

L.VALL ZAPPAN 8-) Fourteen less to an eight times a number is 39111054 twice more than four dumes the number what 195111355 is the number. -14-18x = 3+40 -14-3= 401-8x +17 = + 42 9) The Sum of three consectative integer is 108. what are are the stores consecutive integers. the integers? x1 x+1, x+2 octl= 35+1= 36 x+x+1+x+2 = 108 x+1=38+2=37 32+3=108 3x=105 35,36,37. I = 35 107 The sum of three consecutive integer is -126. ox, x+1, x+2 ate the three consecutive integers. 241 = -43+1 = -42 oct x+1 + x+2 = -126 x+2 = -43+2 = -41 3x+3=-126 3x=-129 (x=-43 -43, -42, -41 u) Find three consecutive integer such that the sum of the first, twice the Second number and three times the third number is - 76 SE sx 2nd = 2 (x+1) = 2x+19 X+1=-14+1=-13 3rd of 3(xfg) = 3xf6 X+2 = -14+2=-12 x+ 2x+ 1+ 3x+ = -76 6x+B=-76 620 - - 76-8 oc = -84 I = -14 -14, -13, -12

12) The sum of two consecutive even LYALLTAPPAN integer is 106. what are the integers. 39111054 193111355 first number = x Second number = ac+ 2 241= 524 2= 54 X+X+2 = 106 22+2=106 52,54 AX=104 13) the sum of three Consecutive odd integer is 189. what are the integer. x+2= 61 +2 = 63 1st -> 1c 2nd > x+2 2+4=61+4=65 3rd + x44 P81= + +x + x + x + 25 3x+6= 189 3x = 189-6 61,63,65 3x= 183 (x=61) 14.) The sum of three consecutive odd integer is 255. What are the integers? 2+2=83+2=85 st ->>c and poct 2 2+4=83+4=87 3rd -> >c+4 x+x+2+x+4=255 83, 85, 87_ 32+6=255 37 = 249 x = 8315) Find there consecutive odd integers such that the sund first, two times the second, three times the third is 70. 136 -> x 2nd > (x+2)2 = 2x+4 3°d -> 3(x+1) = 3x+12 9,11, 13 is arswer. 2C+2X+4+32C+912= 70 65 + 16 = 70 6)(= 5H (2=9)